

INTERNATIONAL SEARCH REPORT

International Application No

/IB2005/050417

A. CLASSIFICATION OF SUBJECT MATTER
G06K9/00 A61B5/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, COMPENDEX, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>ZONG W ET AL: "Reduction of false blood pressure alarms by use of electrocardiogram blood pressure relationships"</p> <p>COMPUTERS IN CARDIOLOGY, 1999 HANNOVER, GERMANY 26-29 SEPT. 1999, PISCATAWAY, NJ, USA, IEEE, US,</p> <p>26 September 1999 (1999-09-26), pages 305-308, XP010367052</p> <p>ISBN: 0-7803-5614-4</p> <p>page 307, left-hand column, paragraph 3; figures 2,5</p> <p>abstract</p> <p style="text-align: center;">----- -/--</p>	1-20

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

16 February 2006

Date of mailing of the international search report

28/02/2006

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Granger, B

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>TSIEN C L ET AL: "MULTIPLE SIGNAL INTEGRATION BY DECISION TREE INDUCTION TO DETECT ARTIFACTS IN THE NEONATAL INTENSIVE CARE UNIT"</p> <p>ARTIFICIAL INTELLIGENCE IN MEDICINE, ELSEVIER,</p> <p>vol. 19, no. 3, July 2000 (2000-07), pages 189-202, XP008059375</p> <p>ISSN: 0933-3657</p> <p>page 190, line 10 - line 12</p> <p>page 190, line 37 - line 40</p> <p>page 198, line 4 - line 7; figure 4; tables 1-3</p> <p>abstract</p> <p>-----</p>	1-20
X	<p>US 5 339 822 A (TAYLOR ET AL)</p> <p>23 August 1994 (1994-08-23)</p> <p>column 1, line 40 - line 50</p> <p>column 2, line 24, paragraph 35</p> <p>-----</p>	1-20
A	<p>RICHARD O. DUDA: "Pattern Classification"</p> <p>2001, WILEY , XP002367999</p> <p>page 628 - page 630</p> <p>-----</p>	1-20
P,X	<p>ALI W ET AL: "Identifying artifacts in arterial blood pressure using morphogram variability"</p> <p>COMPUTERS IN CARDIOLOGY, 2004 CHICAGO, IL, USA SEPT. 19-22, 2004, PISCATAWAY, NJ, USA,IEEE, 19 September 2004 (2004-09-19), pages 697-700, XP010814120</p> <p>ISBN: 0-7803-8927-1</p> <p>the whole document</p> <p>-----</p>	1-20
P,X	<p>AII W ET AL: "Morphograms: exploiting correlation patterns to efficiently identify clinically significant events in intensive care units"</p> <p>SAN FRANCISCO, CA, USA 1-5 SEPT. 2004, PISCATAWAY, NJ, USA,IEEE, US, vol. 3, 1 September 2004 (2004-09-01), pages 554-557Vol1, XP010775002</p> <p>ISBN: 0-7803-8439-3</p> <p>the whole document</p> <p>-----</p> <p style="text-align: center;">-/--</p>	1-20

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	<p>ZONG W ET AL: "REDUCTION OF FALSE ARTERIAL BLOOD PRESSURE ALARMS USING SIGNAL QUALITY ASSESSMENT AND RELATIONSHIPS BETWEEN THE ELECTROCARDIOGRAM AND ARTERIAL BLOOD PRESSURE" MEDICAL AND BIOLOGICAL ENGINEERING AND COMPUTING, PETER PEREGRINUS LTD. / IFMBE, HERTS, GB, vol. 42, no. 5, September 2004 (2004-09), pages 698-706, XP001221025 ISSN: 0140-0118 page 698, right-hand column, line 8 - line 11 page 701, right-hand column, last paragraph - page 702, left-hand column, line 3 page 704, right-hand column, last paragraph; figures 1,9 -----</p>	1-20

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Information on patent family members

International Application No

/IB2005/050417

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5339822	A	23-08-1994	NONE